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ABSTRACT OF THE DISCLOSURE

In a CT device with a multi-line detector system, different columns of the detector system can be connected to different numbers of electronic elements in order to read the signals generated in the detector elements.

5 Thus, by using the detector systems, regions of the object to be examined can be scanned with a high resolution, and other regions can be scanned with a lower resolution. A high resolution in regions can therefore be achieved with a simplified and less expensive detector system, which generates a comparatively low data rate and amount of data.